

AF 21W
PatentAttorney Docket No. 1032326-000161

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Jean-Sebastien Coron et al.

Application No.: 09/913,884

Filing Date: March 8, 2002

Title: METHOD FOR COUNTERMEASURE
IN AN ELECTRONIC COMPONENT
USING A SECRET KEY ALGORITHM

MAIL STOP AF

Group Art Unit: 2131

Examiner: Matthew T Henning

Confirmation No.: 5848

AMENDMENT/REPLY TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☐ A Petition for Extension of Time is enclosed.
- ☐ _____ Terminal Disclaimer(s) and the ☐ \$ 65 ☐ \$ 130 fee per Disclaimer due under 37 C.F.R. § 1.20(d) are enclosed.
- ☐ Also enclosed is/are: _____
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$ 395 ☐ \$ 790 fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted _____ on _____ for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	14	20	0	x \$ 50 (1202)	\$ 0
Independent Claims	2	3	0	x \$ 200 (1201)	0
<input type="checkbox"/> If Amendment adds multiple dependent claims, add \$ 360 (1203)					\$ 0
Total Claim Amendment Fee					\$ 0
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					0
TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT					\$ 0

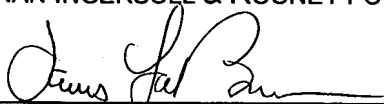
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date September 15, 2006

By:


James A. LaBarre
Registration No. 28632

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620



Patent
Attorney Docket No. 1032326-000161

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	MAIL STOP AF
Jean-Sebastien Coron et al.)	
Application No.: 09/913,884)	Group Art Unit: 2131
Filed: March 8, 2002)	Examiner: Matthew T Henning
For: METHOD FOR COUNTERMEASURE)	Confirmation No.: 5848
IN AN ELECTRONIC COMPONENT)	
USING A SECRET KEY ALGORITHM)	
)	
)	
)	

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 15, 2006, Applicants respectfully request reconsideration and withdrawal of the rejections of the claims.

Claims 27 and 34 were rejected under the second paragraph of 35 U.S.C. § 112. The Office Action states that, since the DES algorithm comprises 16 rounds, a combination of only the first three rounds the last three rounds is not a plurality of successive rounds. It is respectfully submitted that this statement of rejection is based upon a misreading of the claims.

Claim 24 recites that, for a plurality of successive rounds of the algorithm, at least one of the first and second permutations of data is carried out in the manner recited in the last four steps of the claim. Dependent claim 27 recites that these plurality of successive rounds comprise only the first three and last three rounds of the algorithm. In other words, claim 27 recites that the procedure set forth in the last four steps of claim 24 is only carried out during the first three rounds (T1-T3) and the last three rounds (T14-T16) of the DES algorithm. The first three rounds (T1-T3) constitute, by themselves, a plurality of successive rounds of the algorithm. Similarly, the last three rounds (T14-T16) also constitute a plurality